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| Form PTO-1449 (REV. 8-83) | | US Dept. of Commerce PATENT & TRADEMARK OFFICE | | ATTY DOCKET NO. 117780 | | APPLICATION NO. New U.S. Application <div style="font-size: 1.5em; font-weight: bold;">10/731,004</div> | |
| INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | | | | APPLICANT Masahiro OSHIO | | | |
| | | | | FILING DATE December 10, 2003 | | | |

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|-----------------|------|------|-------|--------------|--|
| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | |
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| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|------|----------------------------------|------------|--------------|------------------|--|
| DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB CLASS | | |
| <i>md</i> | 1 | JP A 6-112763 w/ abst & trans | 04/22/1994 | Japan | <i>H03H 9/25</i> | |
| <i>md</i> | 2 | JP A 2003-069380 w/ abst & trans | 03/07/2003 | Japan | <i>H03H 9/25</i> | |
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| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) | | |
|--|---|--|
| <i>md</i> | 3 | Avramov, Ivan D.; "High Performance GHz Range Surface Transverse Wave Resonant Devices. Applications to Low-Noise Microwave Oscillators and Communication Systems." 1995 Japan Society for the Promotion of Science; pp. 132-137 |
| <i>md</i> | 4 | De Zhang et al.; "Study of Propagation Properties of Quasi-longitudinal Leaky Surface Acoustic Wave Propagating on Y-Rotated Cut Quartz Substrates." 1999 IEEE Ultrasonics Symposium, pp; 321-324 |
| <i>md</i> | 5 | Yook-Kong Yong et al.; "Analysis of High Velocity Pseudo-Surface Acoustic Waves (HVPSAW) in Quartz Periodic Structures with Electrode Fingers." 2000 FCS, Kansas MO USA JUNE 7-9 2000; pp. 301-306 |
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| EXAMINER <i>Thomas M. Dougherty</i> | DATE CONSIDERED <i>1-3-06</i> |
| Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |

Date: December 10, 2003